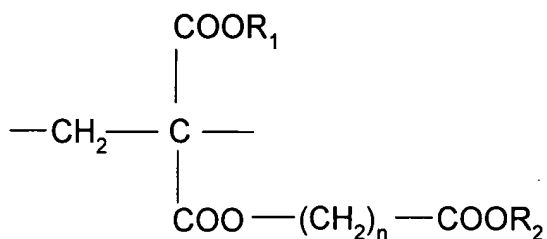


consisting of:

- a homopolymer comprising recurring units of formula (I):



in which R₁ represents an alkyl group having 1 to 6 carbon atoms or a (CH₂)_m-COOR₃ group in which m is an integer between 1 and 5 and R₃ represents an alkyl group having 1 to 6 carbon atoms, R₂ represents an alkyl group having 1 to 6 carbon atoms, and n is an integer between 1 and 5;

- a random copolymer comprising different recurring units of formula (I); and

- a random copolymer consisting essentially of units of formula (I).

~~2~~ 12. The copolymer according to claim ~~11~~ 1, wherein the sequence having a hydrophobic character comprises recurring units of formula (I) in which:

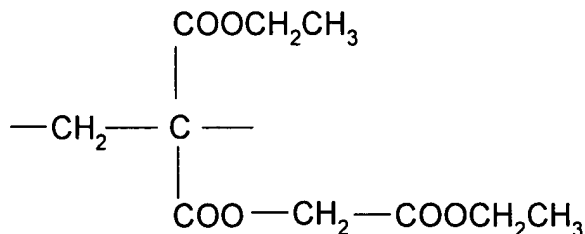
R₁ represents an alkyl group having 1 to 6 carbon atoms;

R₂ represents an alkyl group having 1 to 6 carbon atoms;

and

n is 1.

13. The copolymer according to claim 11, wherein the sequence having a hydrophobic character comprises recurring units of formula:



14. The copolymer according to claim 11, wherein the sequence having a hydrophilic character is selected from the group consisting of a poly(oxyethylene), a poly(vinyl alcohol), a poly(vinylpyrrolidone), a poly(N-2 hydroxypropyl methacrylamide), a poly(hydroxyethyl methacrylate), a hydrophilic poly(amino acid) and a polysaccharide.

15. The copolymer according to claim 13, wherein the sequence having a hydrophilic character is selected from the group consisting of a poly(oxyethylene), a poly(vinyl alcohol), a poly(vinylpyrrolidone), a poly(N-2 hydroxypropyl methacrylamide), a poly(hydroxyethyl methacrylate), a hydrophilic poly(amino acid) and a polysaccharide.

16. The copolymer according to claim 14, having a structure selected from the group consisting of a block structure and a grafted structure.

17. The copolymer according to claim 11, having a content by weight of the sequence having a hydrophobic character of between 5 and 95%.

18. The copolymer according to claim 11, having a content by weight of the sequence having a hydrophobic character of between 10 and 90%.

19. The copolymer according to claim 11, wherein the total molar mass of sequences having a hydrophobic character is between 1,000 and 80,000 g/mol.

20. The copolymer according to claim 11, wherein the total molar mass of sequences having a hydrophobic character is between 1,000 and 50,000 g/mol.

21. An agent for treating the surface of materials or biomaterials comprising the copolymer according to claim 11.

22. A process for preparing a composition selected from the group consisting of micellar systems and emulsions, comprising incorporating a biocompatible copolymer according to claim 11.--

AFTER CALCULATION OF THE FILING FEE AND GRANTING A FILING DATE, PLEASE CANCEL CLAIM 1 WITHOUT PREJUDICE OR DISCLAIMER OF THE SUBJECT MATTER THEREOF.

REMARKS

This preliminary amendment has been filed in order to eliminate all multiple dependencies in the claims of this national phase application based on International application No. PCT/FR99/00185.

Submitted herewith is the search report of the